PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: WETTSTEIN et al.)	Group Art Unit: 1632	44
Serial No.: 10/099,924)		77
Filed: March 14, 2002)		Plunkour
For: SURVIVIN-INTERACTING PROTEINS)	Examiner: Unassigned	, · · · · · · · · · · · · · · · · · · ·
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February 10, 2003

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Commissioner for Patents Washington, DC 20231

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INFORMATION DISCLOSURE STATEMENT

Sir:

Attached is a list of documents on form PTO-1449 together with copies of each identified document. It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 CFR 1.97 and Section 609 of the MPEP. By submitting the listed documents, Applicants in no way make any admission as to prior art status of the listed documents, but are instead submitting the listed documents for the sake of full disclosure.

It is not believed that any extension of time, or any fee is required in connection with this communication. However, if an extension of time (and extension fee) or fees are required, such an extension of time is hereby petitioned for and the Commissioner is authorized to charge any fees or credit any overpayment to Deposit Account No. 50-1627.

Respectfully submitted,

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Serial No.: 10/099,924 Filed: March 14, 2002

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Washington, DC 20231.

Michael Moreno 2-10-53
Date

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 10/099,924 RECEIVED

Filling Date March 14, 2002

First Named Inventor Daniel Albert WETTSTEIN

Group Art Unit 1632 FEB 1 9 2003

Examiner Name Unassigned

Sheet 1 of 2 Attorney Docket Number 1909.03

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	U.S. PATENT DOCUMENTS						
Examiner Initials'	Cite No. ¹	U.S. Pate Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear	
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	T	OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, volume-issue number(s), page(s), publisher, city and/or country where published.	Т
	B1	NAORA, Honami, et al., "Differential Expression Patterns of β-Actin mRNA In Cells Undergoing Apoptosis", <i>Biochemical and Biophysical Research Communications</i> , June 15, 1995; 211(2):491-196	
	B2	JAFFREY, Samie R., et al., "PIN: An Associated Protein Inhibitor of Neuronal Nitric Oxide Synthase", <i>Science</i> , November 1, 1996; 274:774-777	
	В3	CAHILL, Daniel P., "Mutations of mitotic checkpoint genes in human cancers", <i>Nature</i> , March 19, 1998; 392:300-303	
	B4	AMBROSINI, Grazia, et al., "Induction of Apoptosis and Inhibition of Cell Proliferation by survivin Gene Targeting", The Journal of Biological Chemistry, May 1, 1998; 273(18):11177-11182	
	B5	LI, Gloria C., et al., "Ku70: A Candidate Tumor Suppressor Gene for Murine T Cell Lymphoma", Molecular Cell, July 1998; 2:1-8	
	В6	LI, Fengzhi, et al., "Control of apoptosis and mitotic spindle checkpoint by survivin", Nature, December 10, 1998; 396:580-584	
	В7	MASHIMA, Tetsuo, et al., "Caspase-mediated cleavage of cytoskeletal actin plays a positive roll in the process of morphological apoptosis", <i>Oncogene</i> , 1999; 18:2423-2430	
	B8	TAKEDA, Yoshihiko, et al., "Human RNA Helicase A Is a Lupus Autoantigen That Is Cleaved During Apoptosis", <i>The Journal of Immunology</i> , 1999; 163:6269-6274	
	В9	TRAN, Jennifer, et al., "Marked Induction of the IAP Family Antiapoptotic Proteins Survivin and XIAP by VEGF in Vascular Endothelial Cells", <i>Biochemical and Biophysical Research Communications</i> , 1999; 264:781-788	
	B10	BUOLAMWINI, John K., "Novel anticancer drug discovery", Current Opinion in Chemical Biology, 1999; 3:500-509	
	B11	METCALFE, Su, et al., "Wild-type p53 protein shows calcium-dependent binding to F-actin", <i>Oncogene</i> , 1999; 18:2351-2355	
	B12	GOEDECKE, Wolfgang, et al., "Mre11 and Ku70 interact in somatic cells, but are differentially expressed in early meiosis", <i>Nature Genetics</i> , October 1999; 23:194-198	
	B13	ALTIERI, Dario C., et al., "Survivin Apoptosis: An Interloper Between Cell Death and Cell Proliferation in Cancer", Laboratory Investigation, November 1999; 79(11):1327-1333	
	B14	SUAREZ-HUERTA, Nathalie, et al., "Actin Depolymerization and Polymerization Are Required During Apoptosis in Endothelial Cells", <i>Journal of Cellular Physiology</i> , 2000; 184:239-245	
	B15	ROSSITER, J.P., et al., "Caspase-cleaved actin (fractin) immunolabelling of Hirano bodies", Neuropathology and Applied Neurobiology, 2000; 26:342-346	
	B16	SARELA, A.I., "Expression of the antiapoptosis gene, <i>Survivin</i> , predicts death from recurrent colorectal carcinoma", <i>Gut</i> , 2000; 46:645-650	

	B17	SUZUKI, Atsushi, et al., "Survivin initiates cell cycle entry by the competitive interaction with Cdk4/p16 ^{INK4a} and Cdk2/Cyclin E complex activation", Oncogene, 2000; 19:3225-3234			
	B18	SUZUKI, Atsushi, et al., "Survivin initiates procaspase 3/p21 complex formation as a result of interaction with Cdk4 to resist Fas-mediated cell death", Oncogene, 2000; 19:1346-1353			
	B19	O'CONNOR, Daniel S., "Control of Apoptosis during Angiogenesis by Survivin Expression in Endothelial Cells", <i>American Journal of Pathology</i> , February 2000; 156(2):393-398			
	B20	BROWN, Kevin D., et al., "Ionizing Radiation Exposure Results in Up-regulation of Ku70 via a p53/Ataxia-Telangiectasia-mutated Protein-dependent Mechanism", <i>The Journal of Biological Chemistry</i> , March 3, 2000; 275(9):6651-6656			
	B21	CHEN, Jun, et al., "Down-regulation of Survivin by Antisense Oligonucleotides Increases Apoptosis, Inhibits Cytokinesis and Anchorage-Independent Growth", Neoplasia, May-June 2000; 2(3):235-241			
	B22	YANG, Chin-Rang, et al., "Nuclear clusterin/XIP8, an x-ray-induced Ku70-binding protein that signals cell death", <i>PNAS</i> , May 23, 2000; 97(11):5907-5912			
	B23	OLIE, Robert A., et al., "A Novel Antisense Oligonucleotide Targeting Survivin Expression Induces Apoptosis and Sensitizes Lung Cancer Cells to Chemotherapy", <i>Cancer Research</i> , June 1, 2000; 60:2805-2809			
	B24	SHIN, Sejeong, et al., "An Anti-apoptotic Protein Human Survivin Is a Direct Inhibitor of Caspase-3 and -7", Biochemistry, 2001; 40:1117-1123			
	B25	GROSSMAN, Douglas, et al., "Inhibition of melanoma tumor growth <i>in vivo</i> by survivin targeting", <i>PNAS</i> , January 16, 2001; 98(2):635-640			
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